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FIGURE 1

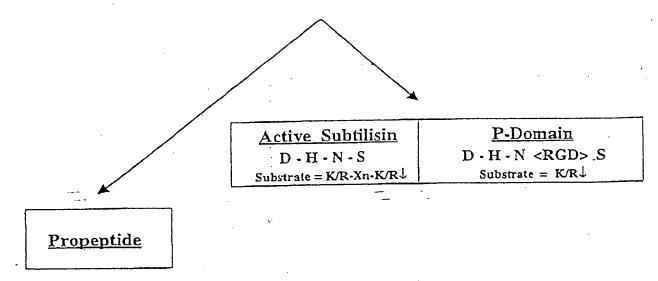
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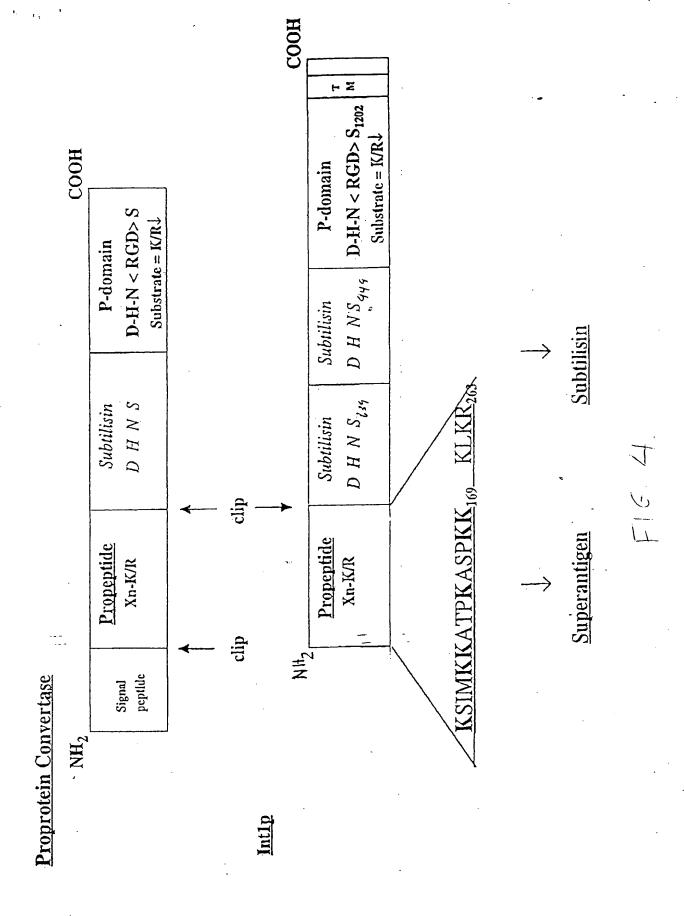
Activation of "Subtilisin-like" Proprotein Convertases

| Signal | Propeptide | Inactive Subtilisin | P-Domain |
|---------|------------|---------------------|---------------------|
| peptide | Xn-K/R | DHNS | D-H-N <rgd> S</rgd> |
| | | | Substrate = K/R . |

The processing or "P-domain" clips the propeptide at the carboxy terminal side of dibasic residues, thereby releasing the propeptide. Exposed D-H-N-S active site residues assume the subtilisin serine protease conformation.



Amino terminal processing of Int1p



P Domain Subtilisin Motifs

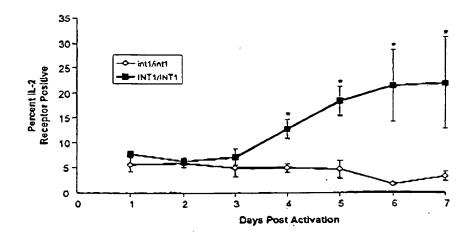
F16. 5

Comparison of the high affinity heparin-binding site of Mycobacterium tuberculosis heparin-binding hemagglutinin adhesin (HBHA) with the proposed heparin-binding site of Candida albicans Int1p

HBHA \underline{K}_{180} AAA \underline{KK} APA \underline{KK} AAA \underline{KK}_{195}

Int1p \underline{K}_{155} SIM \underline{KK} ATP \underline{K} ASP \underline{KK}_{169}

F16 6



F16 7

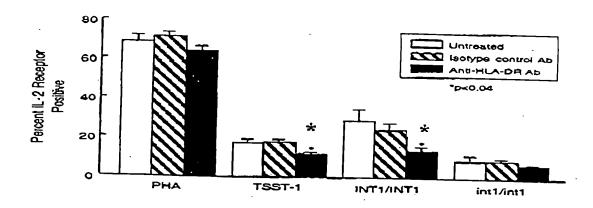
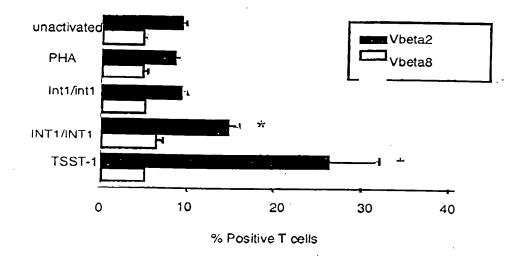


FIG 8



F16 9

| Si PRO- 8 PEPTIDE n KR | CATALYTIC DOMAIN D(DX)-H-N-S | PROCESSING DOMAIN D-H-N-RGD-S | C-TERMINAL EXTENSION |
|------------------------------|------------------------------------|-------------------------------------|-------------------------|
|------------------------------|------------------------------------|-------------------------------------|-------------------------|

FIG. 10

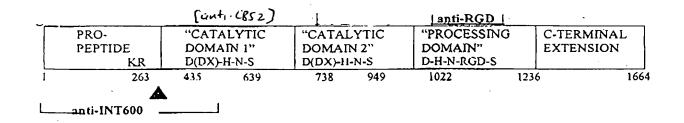


FIG. 11

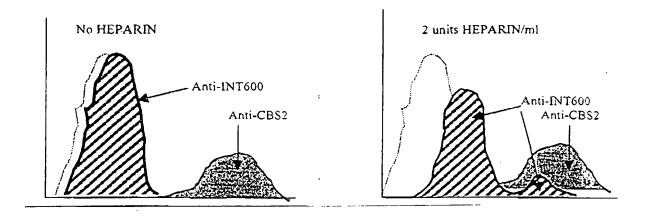


FIG. 12

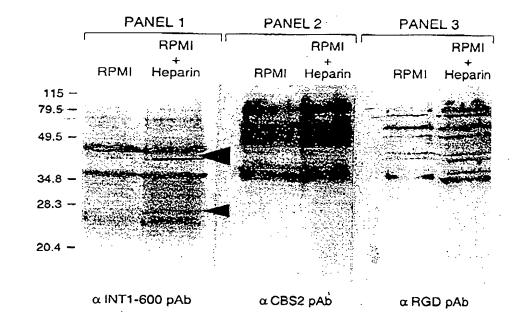


FIG. 13

SILVER STAIN

Anti 6X His WESTERN

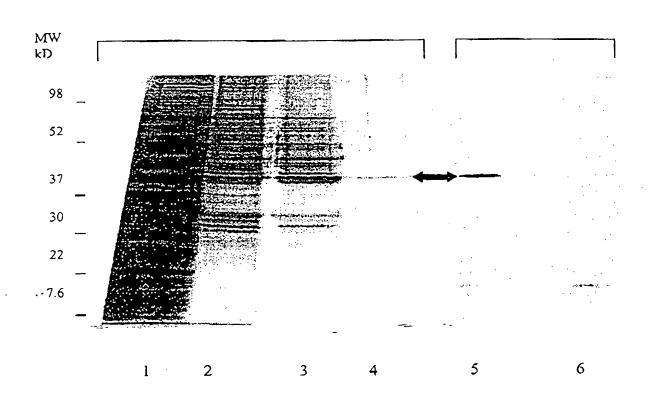
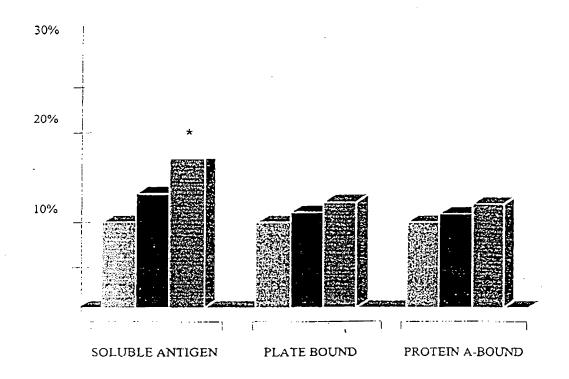


FIG. 14



F16.15

Model for the Participation of Intlp in Candidemia

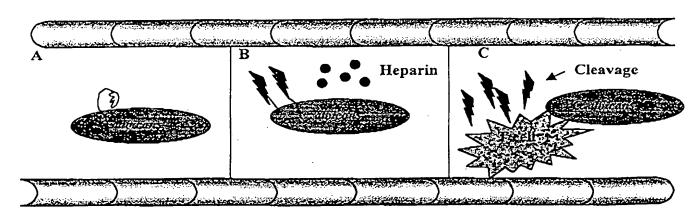


FIG 16

MHC Class II-Binding Peptides

- NNVVFTNKELE MAM 15 F V Q N L

F16. 17

inkage of T Lymphocyte to Antigen-Presenting Cell

